



STIC Search Report

EIC 2800

STIC Database Tracking Number: 167977

**TO: Roy Potter
Location: JEF-5A49
Art Unit : 2811
Thursday, June 30, 2005**

Case Serial Number: 10/230783

**From: Darcy Bates
Location: EIC 2800
JEF- 4B68
Phone: 571-272-2540**

darcy.bates@uspto.gov

Search Notes

Re: 10/230,783 US 5,686,762

Attached are search results.

**No U. S. litigation was found in searches of
Lexis-Nexis and Questel-Orbit databases.**

**If more searching or explanation is needed, please let
me know.**

Thanks,

Darcy Bates



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Query/Command : file pluspat

Selected file: PLUSPAT

Search statement 1

Query/Command : us5686762/pn

** SS 3: Results 1

Search statement 4

Query/Command : prt fu legalall max

1 / 1 PLUSPAT - @QUESTEL-ORBIT - image
PN - US5686762 A 19971111 [US5686762]
TI - (A) Semiconductor device with improved bond pads
PA - (A) MICRON TECHNOLOGY INC (US)
PAO - Micron Technology, Inc., Boise ID [US]
IN - (A) LANGLEY RODNEY C (US)
AP - US57791195 19951221 [1995US-0577911]
PR - US57791195 19951221 [1995US-0577911]
IC - (A) H01L-023/48
EC - H01L-023/485A
PCL - ORIGINAL (O) : 257775000; CROSS-REFERENCE (X) : 257E23020
257784000 257786000
DT - Basic
CT - US5053850; US5248903; US5373111; JP63-161634; JP6-37135
STG - (A) United States patent
AB - A semiconductor device with improved bond pads. The semiconductor device includes bond pads electrically connected to an active circuit in the device and openings formed in the bonding surface of the bond pads. The opening(s) may include recesses extending partially into the bonding surface or channels that extend entirely through the bond pads. Various shapes and configurations of the openings may be used, such as a pattern of channels radiating from the center of the bonding surface, a series of spaced apart rectangular channels arranged parallel to one another, an array of L shaped channels arranged around the center of the bonding surface, or an array of holes.

1 / 1 LGST - @EPO
PN - US5686762 A 19971111 [US5686762]
AP - US57791195 19951221 [1995US-0577911]
ACT - 19951221 US/AS02-A
ASSIGNMENT OF ASSIGNOR'S INTEREST
OWNER: MICRON TECHNOLOGY, INC. PATENT DEPARTMENT 8000 S.;
EFFECTIVE DATE: 19951219

19951221 US/AS02-A
ASSIGNMENT OF ASSIGNOR'S INTEREST
OWNER: LANGLEY, RODNEY C.; EFFECTIVE DATE: 19951219

20000307 US/RF-A
REISSUE APPLICATION FILED

6/30/05

US 5,686,762

10/230783

EFFECTIVE DATE: 19991111

20021029 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20020829

UP - 2003-22

1 / 1 CRXX - @CLAIMS/RRX
AN - 2905817
PN - 5,686,762 A 19971111 [US5686762]
PA - Micron Technology Inc
PT - E (Electrical)
ACT - 19991111 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20000307
REISSUE REQUEST NUMBER: 09/438692
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2811

Reissue Patent Number:

20020829 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20021029
REISSUE REQUEST NUMBER: 10/230783
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2811

Reissue Patent Number:

UP - 2000-10
UACT- 2002-10-29

Search statement 4

Query/Command : fam us5686762/pn

1 Patent Groups
** SS 4: Results 1

Search statement 5

Query/Command : famstate nonstop

1 / 1 PLUSPAT - @QUESTEL-ORBIT - image
PN - US5686762 A 19971111 [US5686762]
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or	or
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not w/N	not within N words
pre /N	precedes by N words
w/p	in same paragraph
not w/p	not in same paragraph
w/seg	in same segment
not w/seg	not in same segment
w/s	in same sentence
not w/s	not in same sentence
and not	and not
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Syntax Definition

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